

Template for writing scientific papers in R markdown

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1 Abstract

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2 Introduction

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3 Methods

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3.1 Equations

The deterministic part of the model is defined by this **in-line equation** as $\mu_i = \beta_0 + \beta_1 x$, and the stochastic part by the **centered equation**:

$$\frac{1}{\sqrt{2\pi}\sigma} e^{-(x-\mu_i)^2/(2\sigma^2)}$$

3.2 Tables

Table 1: This is a GLM summary table.

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.05	0.11	0.46	0.65
x	2.00	0.12	16.91	0.00

3.3 Plots

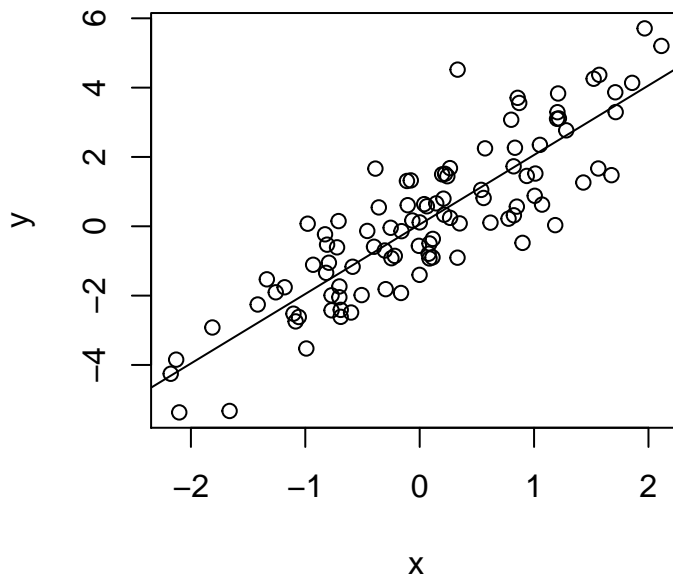


Figure 1: Relationship between x and y. The solid line is least-squares linear regression.

3.4 Citations

The relationship was first described by Halpern *et al.* (2006). However, there are also opinions that the relationship is spurious (Keil *et al.* 2012). We used R for our calculations (R Core Team 2016), and we used package `knitcitations` (Boettiger 2015) to make the bibliography.

4 Results and discussion

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